

HighTech Europe

First Food Processing Network of Excellence

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DIL Office Brussels

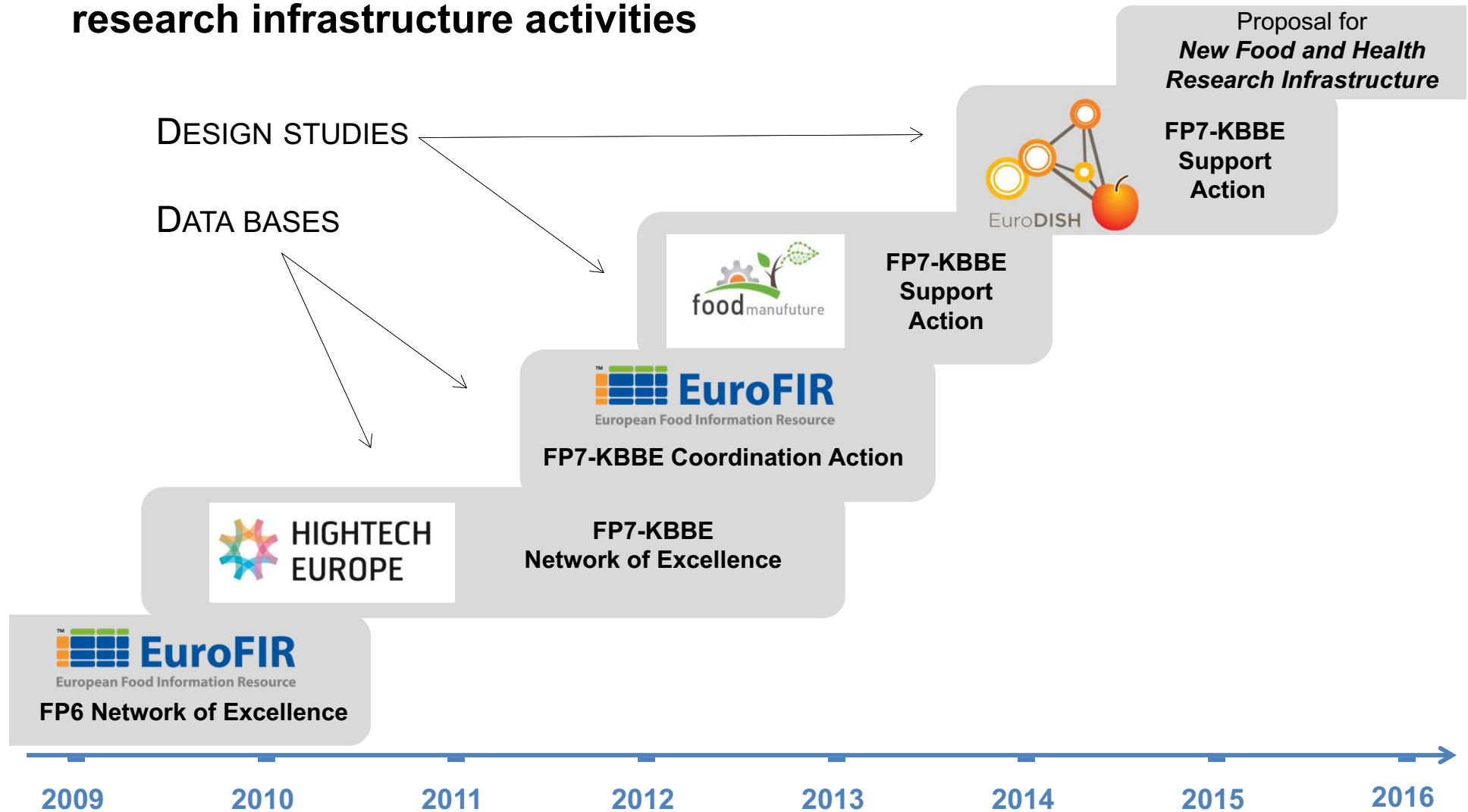
EuroFIR aisbl Food Forum Symposium

26th March 2015



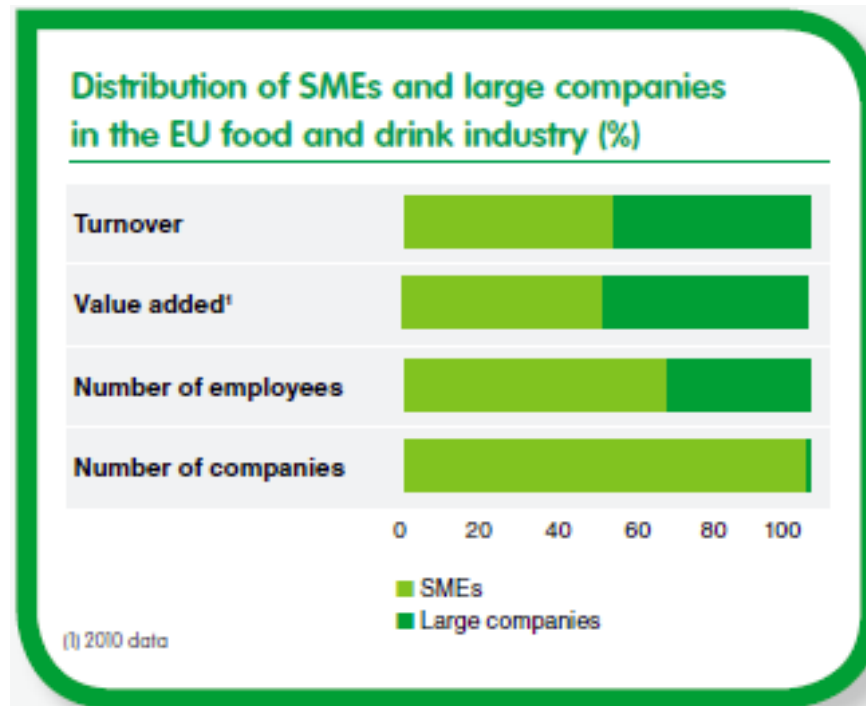
Funded by 7th Framework Programm

FP7 EU projects fostering research infrastructure activities



- **Objectives of HighTech Europe**
- **Network's achievements & activities**
- **How can HighTech Europe contribute to RI?**

Background HighTech Europe



Source: Food Drink Europe

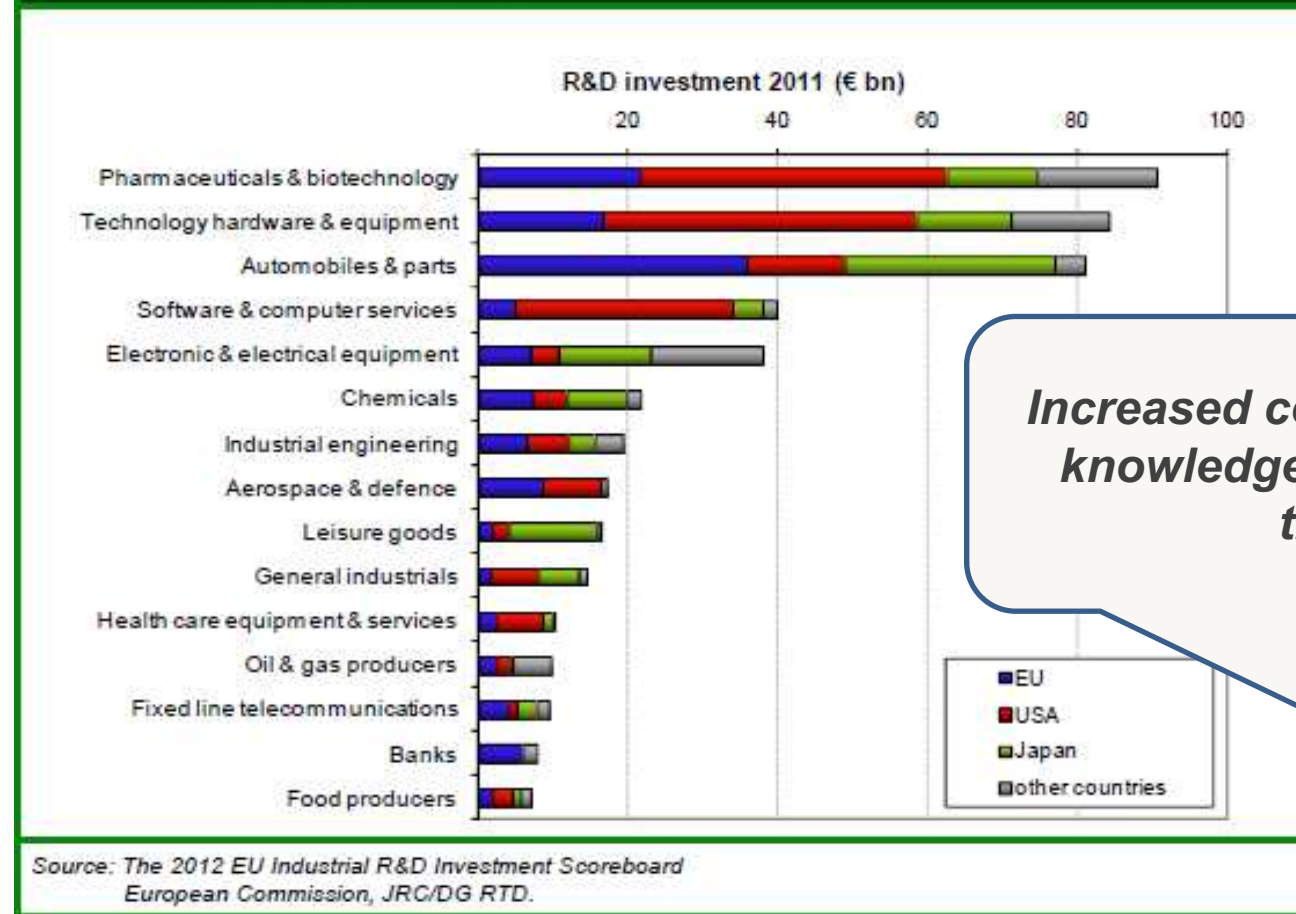
Food & Drink Industry in Europe

- €1,048 billion turnover
- 286,000 companies
- 0,27% R&D expenditure
- 17% continuous or occasional R&D (DE)
- 1.6% Innovation intensity (DE)

Background HighTech Europe



Figure 5.1. R&D ranking of industrial sectors and share of main world regions for the world's top 1500 companies

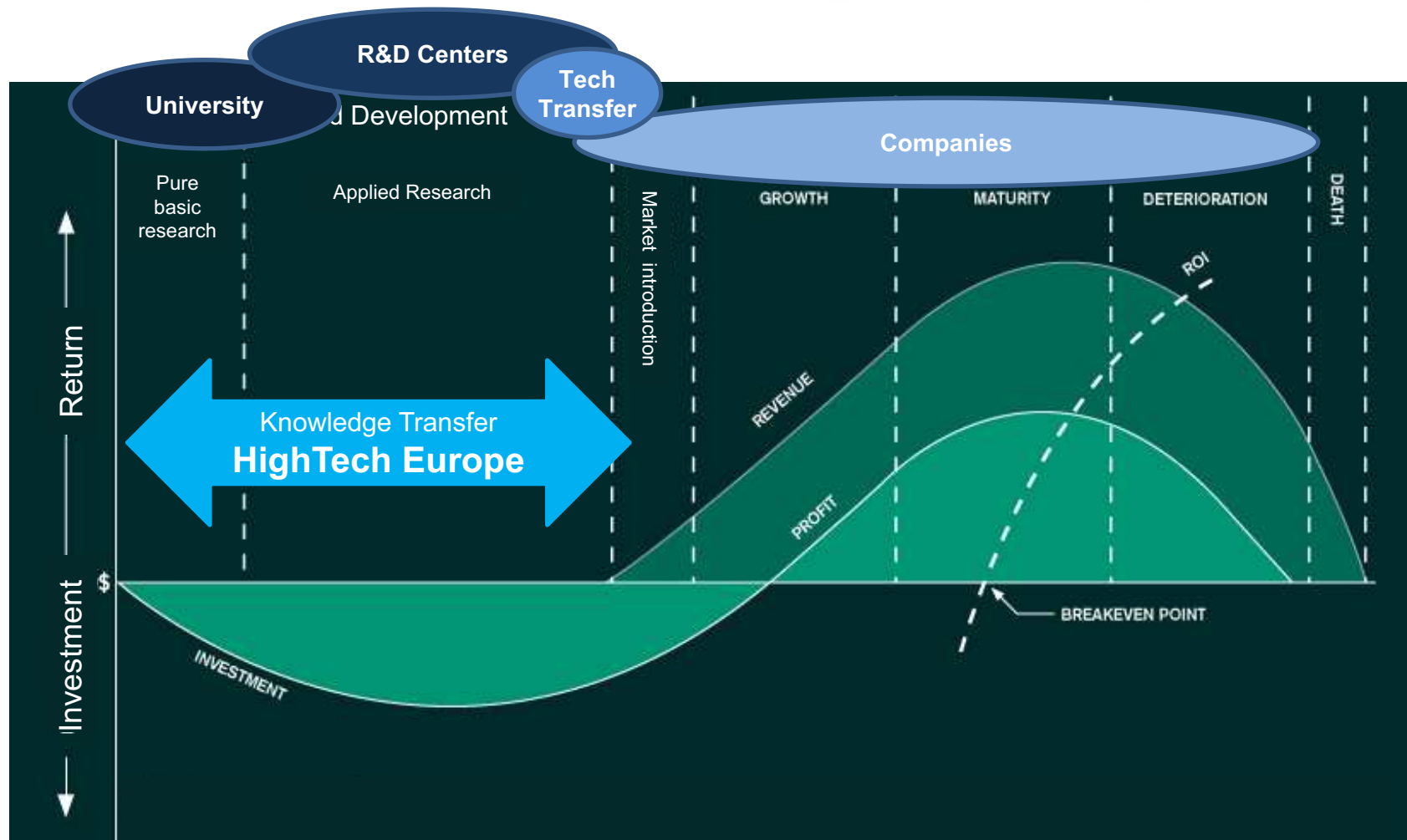


High R&D intensity

*Increased competitiveness by
knowledge and technology
transfer*

Low R&D intensity

Innovation Cycle



Objectives HighTech Europe



- Identification of knowledge for innovation potential to be used by SMEs;
- Achieving a durable integration of European R&D activities into high-tech food processing;
- Establishing a sustainable network to support these objectives in a long term and deliver building blocks for the European Institute for Food Processing (EU-IFP)

- Objectives of HighTech Europe
- **Network's achievements & activities:**
 - ➔ Fokus on database Food Tech Innovation Portal (Food TIP)
- How can HighTech Europe contribute to RI?

About Food TIP



Knowledge portal to inspire and inform food processing industry about latest finding in the area of food processing

- Understandable information
- Connect industry and R&D centers
- Information about infrastructure
- Innovator Guidelines

About Food TIP



TRL 1 Potential knowledge

Available knowledge

Exploitable knowledge

What is it about?

Used knowledge & technology

I have heard about..

TRL 9

Established technologies/methods

Where?

Where can I test it?

Any legal issues?

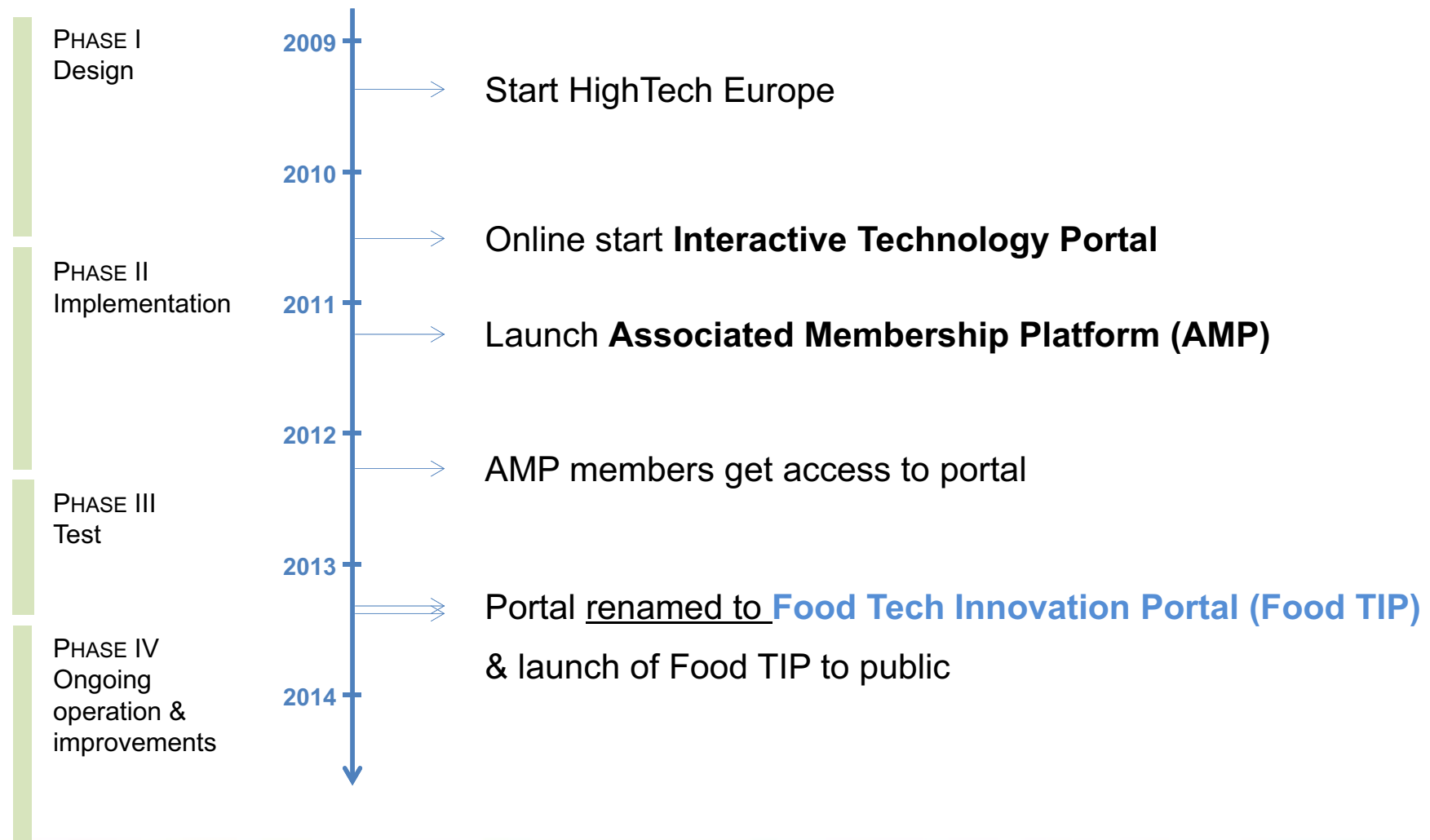
Whom to contact?

Someone in my region?

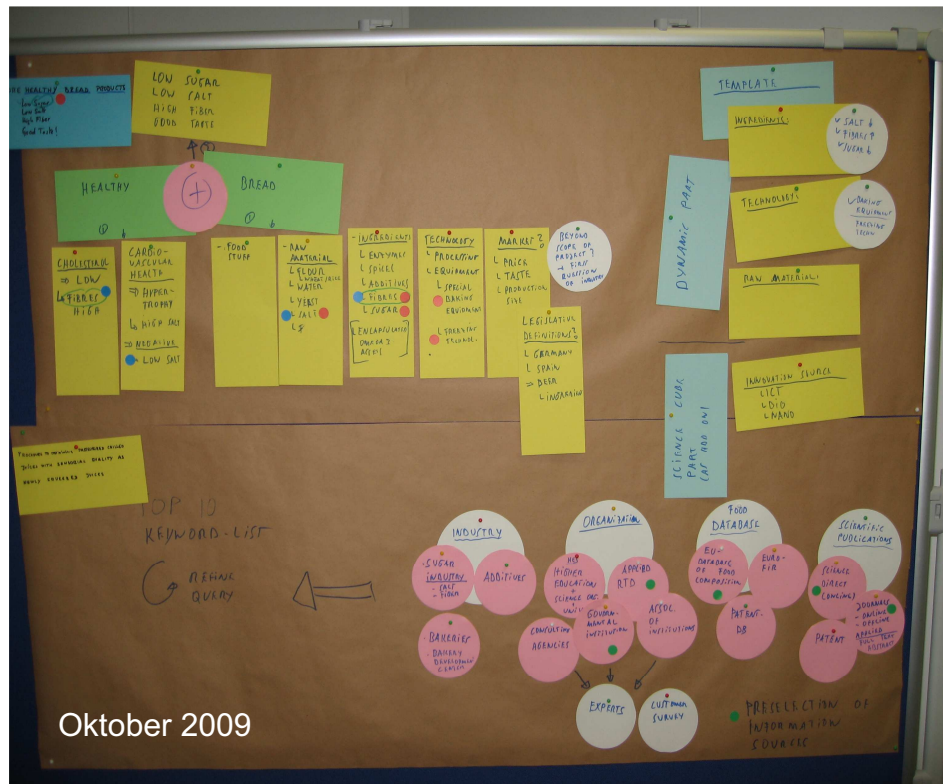
Does it work for my products?

Demonstration?

Timeline



Building up the portal



technical architecture
(January 2010)

ogy Portal
Wiki
search

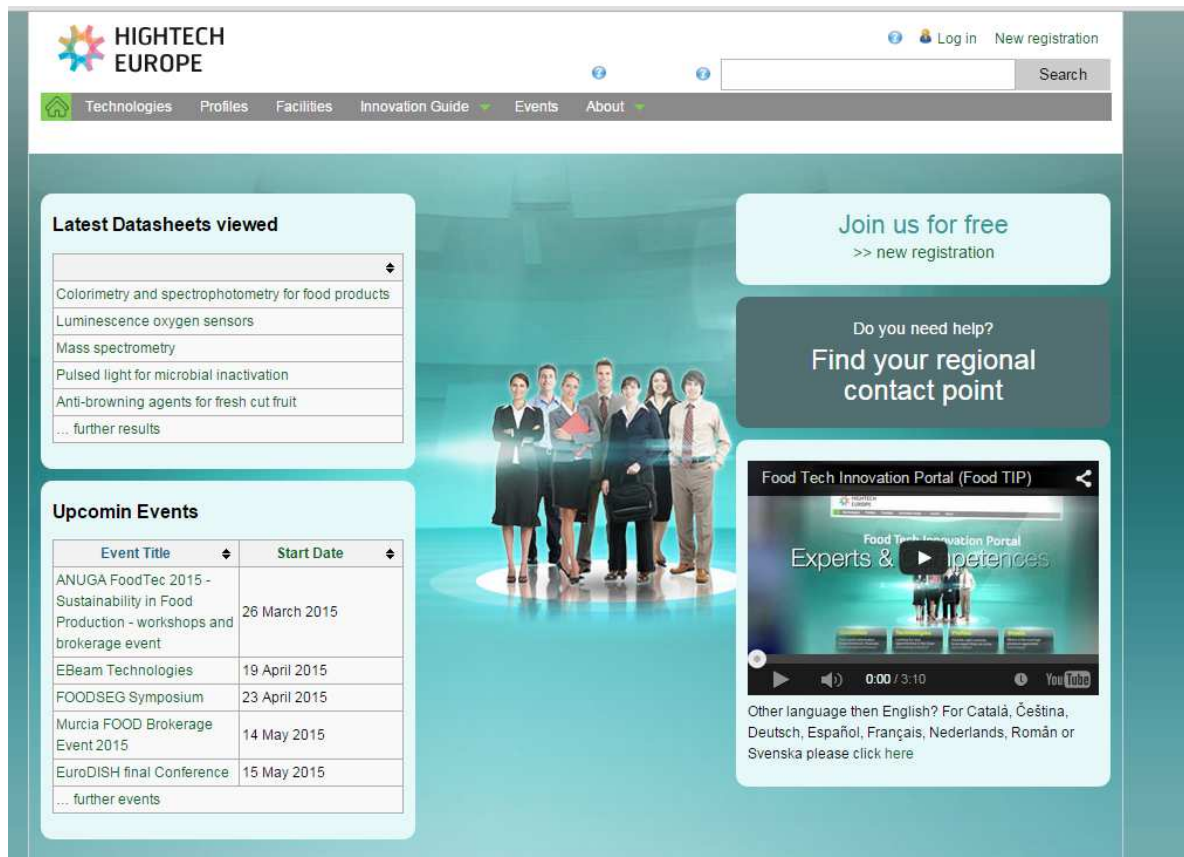
creening of content
Oktober 2009

Launch public
May 2013

Food Tech Innovation Portal (Food TIP)



www.foodtech-portal.eu

A screenshot of the Food Tech Innovation Portal (Food TIP) website. The header includes the Hightech Europe logo, a search bar, and navigation links: Technologies, Profiles, Facilities, Innovation Guide, Events, and About. The main content area features a central image of a group of people. To the left, there are two sections: "Latest Datasheets viewed" with a list of topics like "Colorimetry and spectrophotometry for food products", and "Upcoming Events" with a table of events. To the right, there are promotional boxes for "Join us for free", "Find your regional contact point", and a video player showing a presentation titled "Food Tech Innovation Portal Experts & Competences".

HIGHTECH EUROPE

Log in New registration

Search

Technologies Profiles Facilities Innovation Guide Events About

Latest Datasheets viewed

- Colorimetry and spectrophotometry for food products
- Luminescence oxygen sensors
- Mass spectrometry
- Pulsed light for microbial inactivation
- Anti-browning agents for fresh cut fruit
- ... further results

Upcoming Events

Event Title	Start Date
ANUGA FoodTec 2015 - Sustainability in Food Production - workshops and brokerage event	26 March 2015
EBeam Technologies	19 April 2015
FOODSEG Symposium	23 April 2015
Murcia FOOD Brokerage Event 2015	14 May 2015
EuroDISH final Conference	15 May 2015
... further events	

Join us for free
>> new registration

Do you need help?
Find your regional contact point

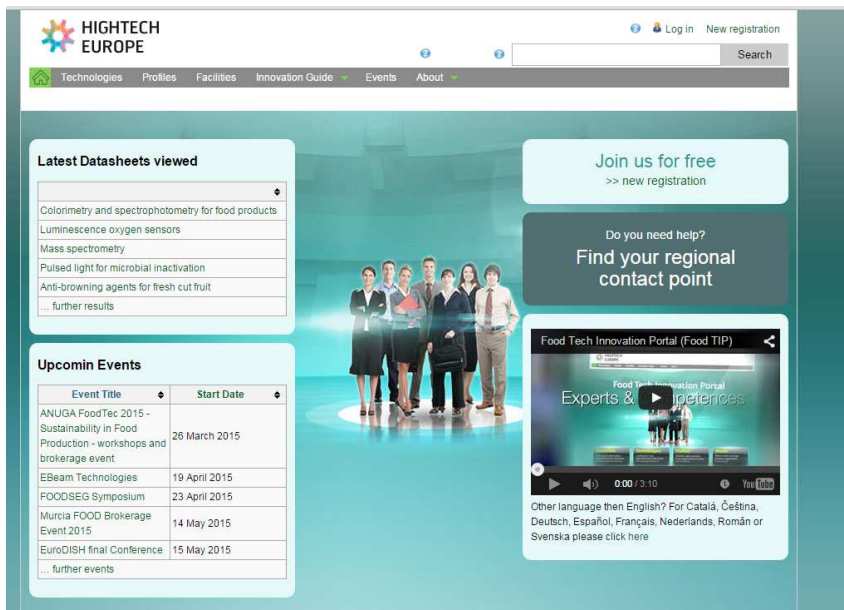
Food Tech Innovation Portal (Food TIP)

Food Tech Innovation Portal
Experts & Competences

0:00 / 3:10

Other language then English? For Català, Čeština, Deutsch, Español, Français, Nederlands, Román or Svenska please click here

Results – Information on Food TIP



Latest Datasheets viewed

- Colorimetry and spectrophotometry for food products
- Luminescence oxygen sensors
- Mass spectrometry
- Pulsed light for microbial inactivation
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- ... further results

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Food Tech Innovation Portal (Food TIP)

Food Tech Innovation Portal
Experts & Competences

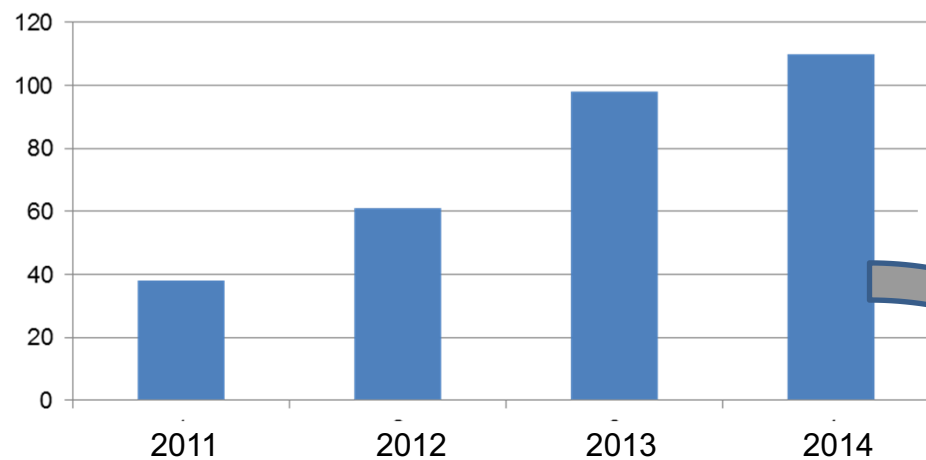
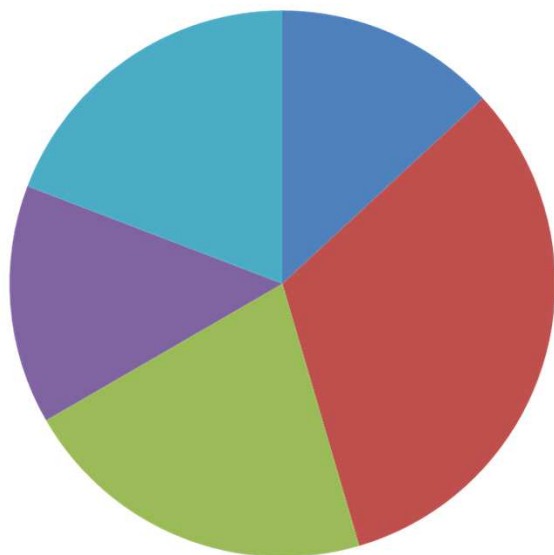
Other language than English? For Català, Čeština, Deutsch, Español, Français, Nederlands, Român or Svenska please click here

- 211 Technology datasheets
- 811 Profile datasheets, incl. 324 Person datasheets
- 99 Facility datasheets
- 59 Innovator guideline datasheets

Results / impact – User of Food TIP



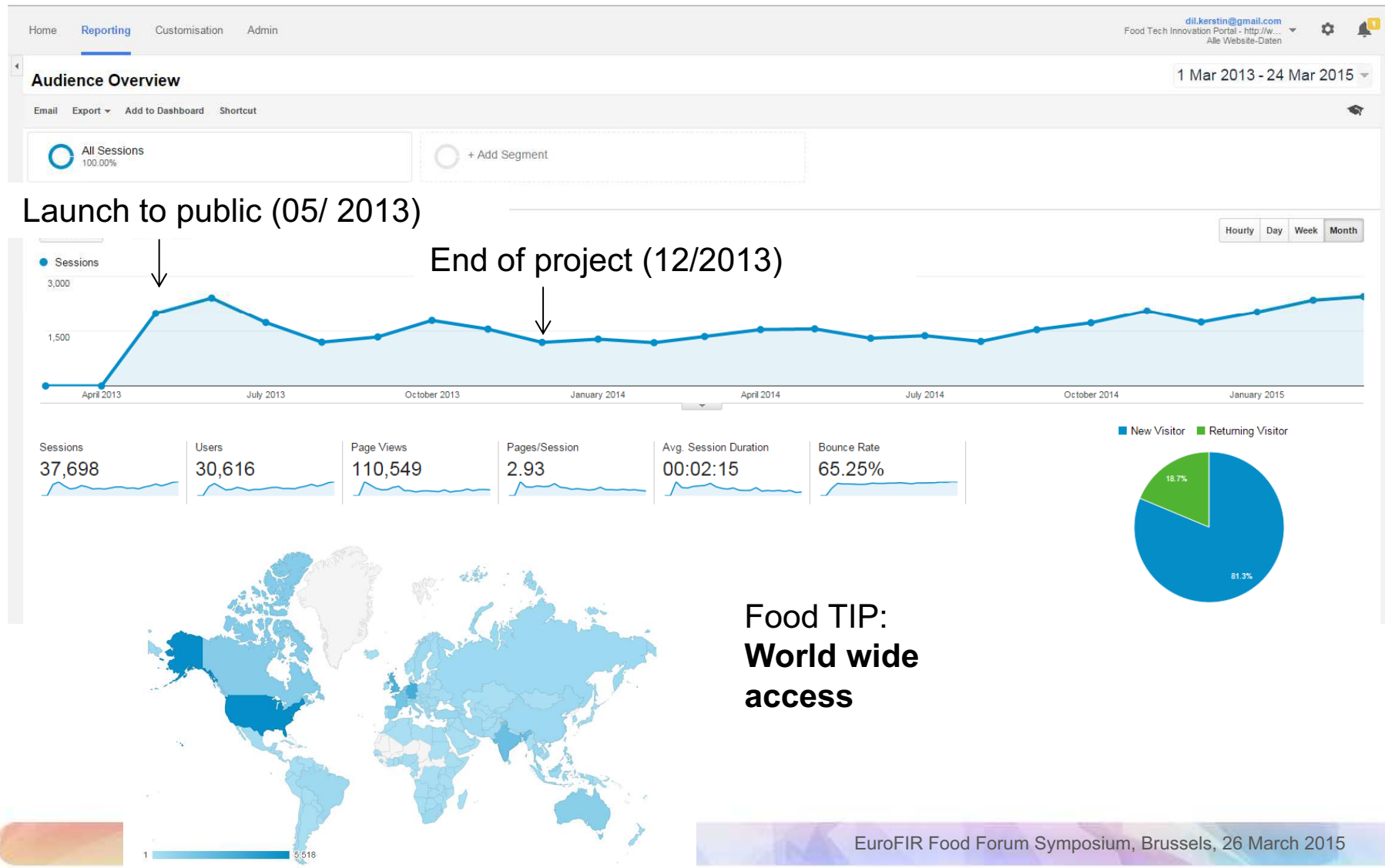
Members of Associated Membership Platform (AMP)



- Large enterprises
- SME
- Research organisations
- Universities
- Other (associations, networks, TTC)



Use of Food TIP (statistics)



(Post) Project Partners



1. **DIL (Coordinator)** ●
2. TTZ Bremerhaven ●
3. WUR Food and Biobased Research ●
4. Central Food Research Institute (KÉKI) ●
5. TU Cluj Napoca ●
6. IRTA ●
7. KU Leuven ●
8. ZENIT GmbH ●
9. Centiv GmbH ●
10. Nutrition Sciences N.V. ●
11. TRITECC ●
12. Biozoon GmbH ●
13. CSIRO ●
14. SIK ●
15. Food Research Institute Prague (VUPP) ●
16. Q@LI-MEDITERRANEE ●
17. Agropolis International ●
18. Romanian Meat Association ●
19. Technologies and Innovation o.s ●
20. DLG e.V. ●
21. PERVATECH BV ●
22. INRA ●

● Cooperation Partner in post project phase



INSTITUTET FÖR LIVSMEDEL OCH BIOTEKNIK



Funded by 7th Framework Programm

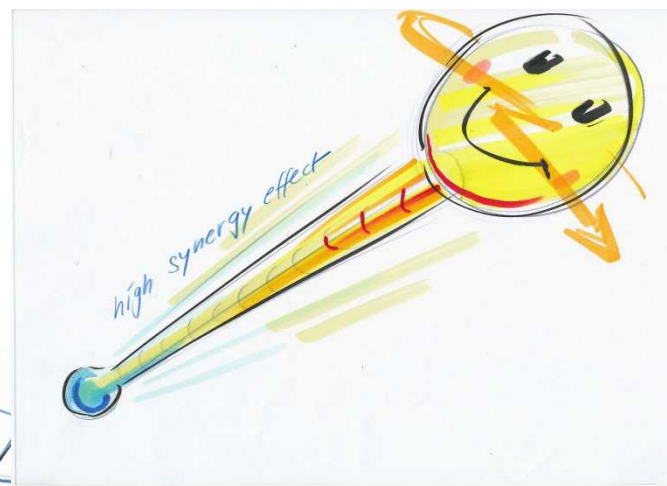
- Objectives of HighTech Europe
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- **How can HighTech Europe contribute to RI?**

European Research Infrastructures



FEATURE

- ✓ Open & shared access
- ✓ Distributed
- ✓ Unique
- ✓ (data) platform
- ✓ Connect & share
- ✓ Generate & transfer knowledge
- ✓ Initial payment €€€
- ✓ Running costs €€€



STAKEHOLDER

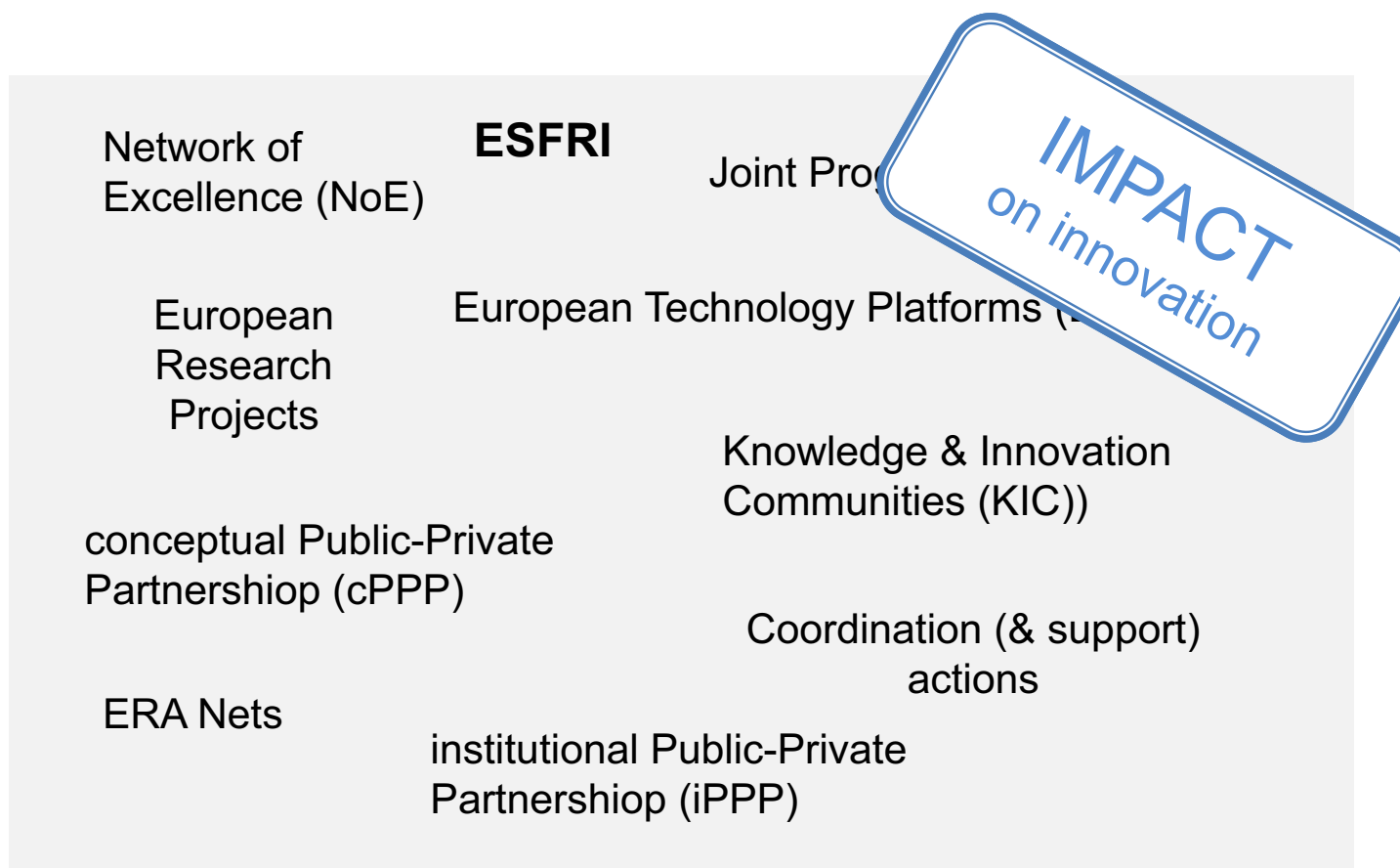
- ✓ Academia
- ✓ Research institutions
- ✓ Industry
 - Policy makers

Graphics by Heyko Stöber

Strengthening the Food ERA

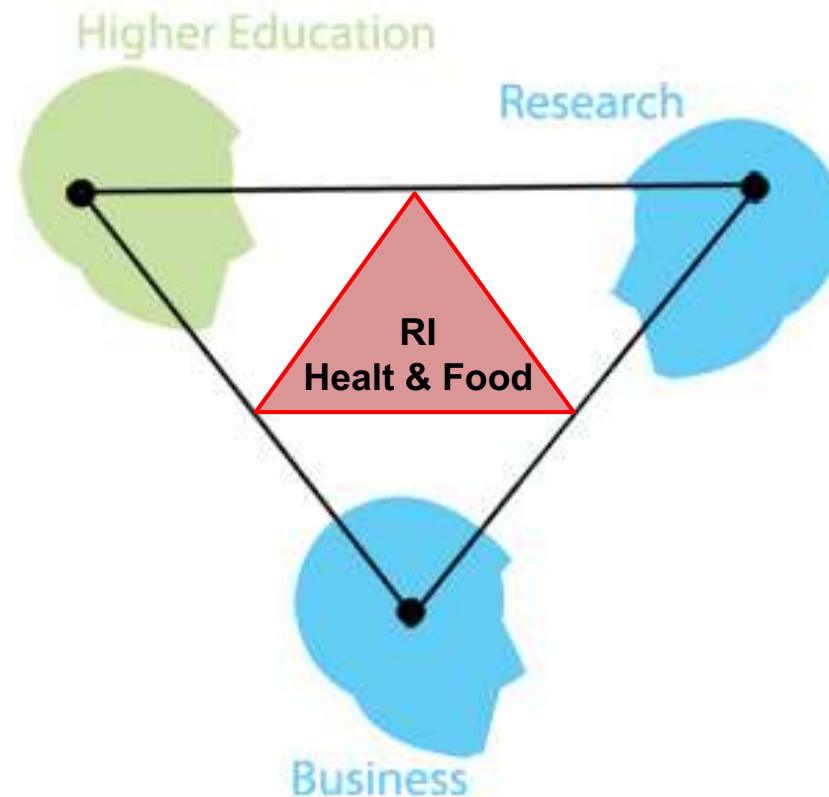


FP7 —————→ **Horizon 2020**



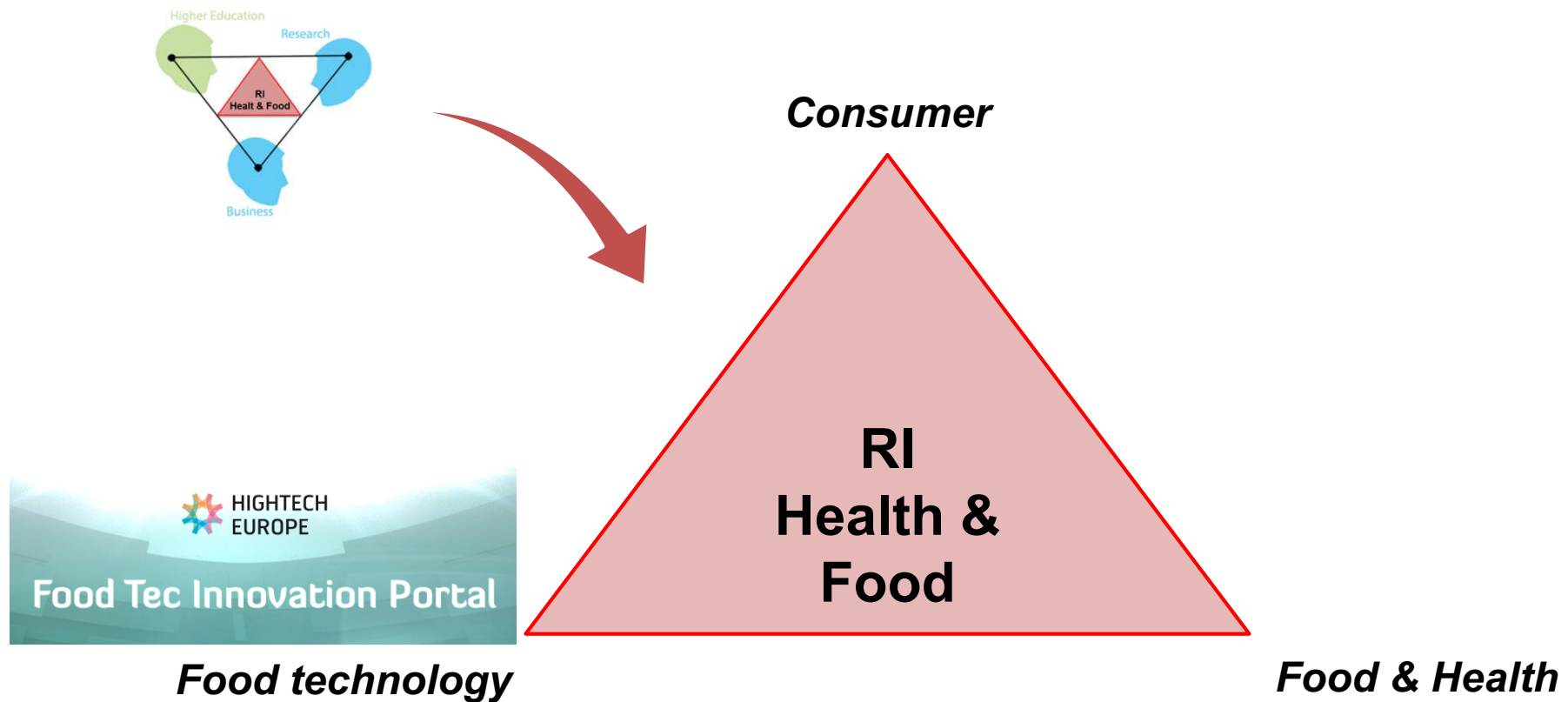
“RIs are therefore at the centre of the **knowledge triangle** of research, education and innovation....”

<http://ec.europa.eu/research/infrastructures>



Source: EIT, <http://eit.europa.eu/www.eit.eu>

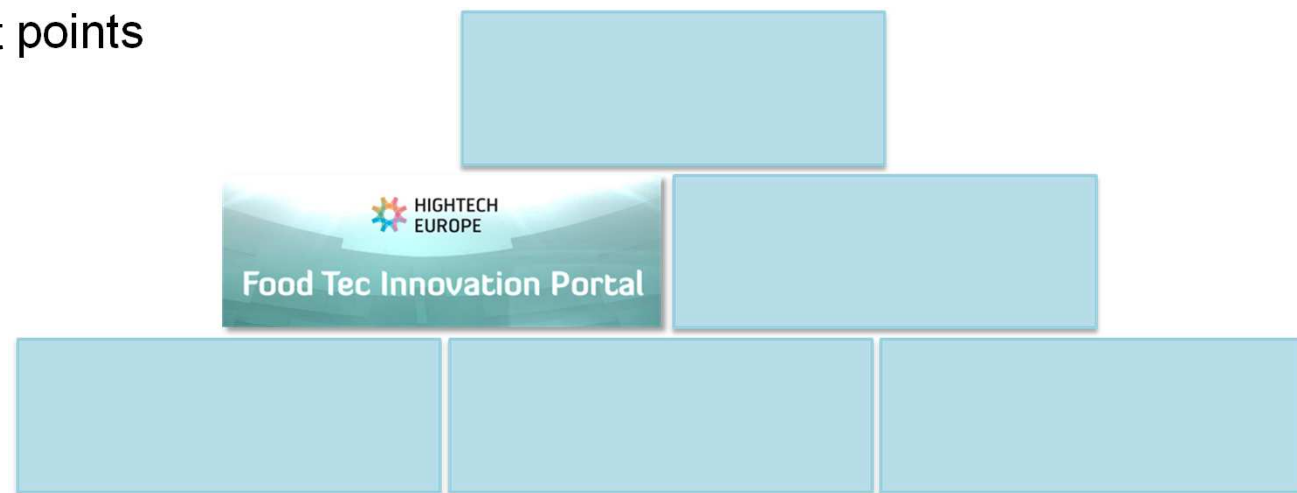
RI Food & Health in the knowledge triangle



Contribution of HighTech Europe to RI Food & Health

Food TIP **building block** of a new RI and a single entry point for

- Technologies of relevance in the food processing sector
- Relevant labs and facilities
- Guide for innovation processes
- Facilitate access to research facilities
- Regional contact points





Knowledge is the raw material of the future

Graphic by Heyko Stöber

Thank you.

